

1997 North Dakota Barley Varieties

July 11, 1997

Highlights

Robust reclaimed its position as the most popular barley variety in North Dakota in 1997. It was followed by Stander, which fell from its first place position in 1996. Robust has led barley varieties twelve of the past thirteen years and represents 41.0 percent of all 1997 barley acreage in North Dakota. Stander comprised 35.5 percent, while Foster and Excel made up 9.1 and 3.9 percent, respectively. All four are recommended for malting by the American Malting Barley Association, Inc. The leading feed varieties remain Stark, with 3.8 percent, and Bowman, at 3.4 percent of all barley acres in the state.

North Dakota continued to rank first in barley acreage, representing 33.2 percent of the nation's total, with 2.25 million acres in 1997.

This data is based on reports from more than 1,000 barley producers in a June survey conducted by USDA's North Dakota Agricultural Statistics Service. The American Malting Barley Association, Inc. and the North Dakota Barley Council provided supporting funds for the survey. The North Dakota State University Extension Service provided variety descriptions.

Malting Varieties

Robust secured first place among all barley varieties planted in North Dakota with 41.0 percent of the total acreage, up from 38.4 percent in 1996. Robust led all varieties from 1985 to 1995, fell behind Stander in 1996, and regained the top position in 1997. It was the leading variety in the north central, northeast, central, east central, south central, and southeast districts. Robust has tall height, medium-strong straw strength, medium relative maturity, and good relative yield.

Stander fell to second place, comprising 35.5 percent of barley acres in the state, down from 39.4 percent in 1996. Stander was the top variety in the northwest and west central districts. It is described as medium-short with very strong straw strength, medium maturity, and very good yield.

Foster advanced to the third most popular variety, representing 9.1 percent, up from 3.7 percent in 1996. Most of its planted acres reside in the northeast and east central districts. With very good yield, Foster has medium-short height, very strong straw, and medium maturity rate.

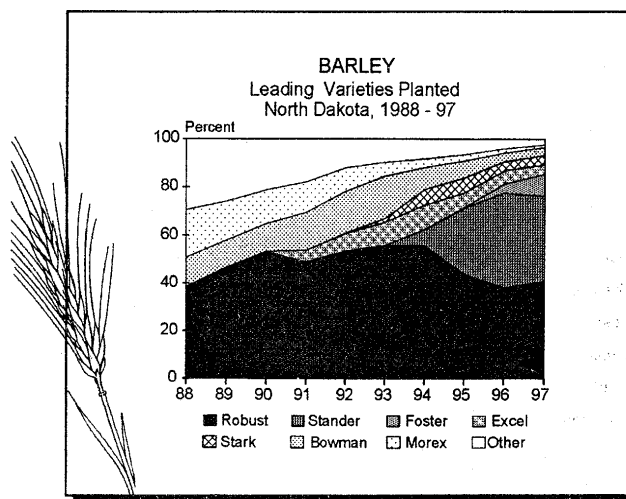
Excel continued its decline in popularity, falling to 3.9 percent, which is down from 5.5 percent in 1996 and a high of 9.9 percent in 1994. With acres throughout the

state, Excel is characterized by medium-short height, very strong straw, medium maturity, and very good yield.

Feed Varieties

Stark led feed varieties for the second consecutive year. It dropped to fifth among all varieties with 3.8 percent of all barley acres. Stark, a two-rowed variety, was the most popular barley in the southwest district. The medium height variety has medium-strong straw strength, medium-late relative maturity, and very good relative yield.

Bowman remained in second place among feed varieties and sixth overall. Bowman was popular in the southwest and south central districts. A short, two-rowed variety, it has medium-strong straw strength, medium-early maturing rate, and good yield.



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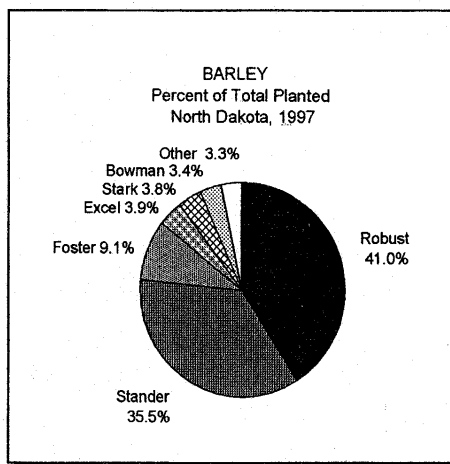
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BARLEY VARIETIES

BARLEY
Percent of Acreage Planted, North Dakota, 1993-97

Variety	1993	1994	1995	1996	1997	
					Pct.	Acres Planted
	----- Percent -----					(000)
* Robust	55.9	56.0	44.1	38.4	41.0	921.9
* Stander	0.2	6.6	27.3	39.4	35.5	797.8
* Foster	0.0	0.0	0.3	3.7	9.1	205.5
* Excel	9.4	9.9	6.0	5.5	3.9	87.6
Stark	1.6	6.6	6.3	3.7	3.8	85.3
Bowman	17.5	9.1	7.0	3.6	3.4	75.8
* Morex	5.8	3.6	2.7	1.8	1.0	22.2
* Azure	5.9	4.3	3.4	1.6	0.7	15.5
Logan	0.0	0.0	0.0	0.2	0.5	10.3
Other	3.7	3.9	2.9	2.1	1.1	28.1
All Varieties	100.0	100.0	100.0	100.0	100.0	2,250.0

* Recommended for malting and brewing by the American Malting Barley Association, Inc.



BARLEY
Percent and Acreage Planted, North Dakota, 1997

Variety	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State
	----- Percent Planted -----									
Robust	13.4	54.8	44.9	10.4	46.8	50.3	0.7	27.8	45.5	41.0
Stander	65.6	35.5	44.4	32.2	22.9	29.6	0.0	13.3	9.9	35.5
Foster	9.0	4.9	8.8	1.9	11.7	15.8	0.0	3.0	22.2	9.1
Excel	6.2	1.1	1.1	10.4	12.5	1.5	8.9	6.0	5.4	3.9
Stark	1.0	1.2	0.5	19.4	0.0	2.2	42.4	14.1	0.9	3.8
Bowman	2.0	0.0	0.0	11.0	1.0	0.0	30.9	27.3	8.9	3.4
Morex	1.4	1.9	0.1	3.7	0.2	0.4	0.0	1.3	3.9	1.0
Azure	0.0	0.7	0.0	0.0	3.8	0.0	0.0	3.5	1.0	0.7
Logan	0.1	0.0	0.0	0.0	0.0	0.0	9.2	0.0	1.5	0.5
Other	1.3	0.0	0.1	10.9	1.2	0.3	7.9	3.9	0.8	1.1
	----- Thousand Acres -----									
Robust	29.5	241.1	305.6	9.4	107.6	155.9	0.6	22.2	50.0	921.9
Stander	144.4	156.4	302.1	29.0	52.7	91.7	0.0	10.6	10.9	797.8
Foster	19.8	21.5	60.0	1.7	26.8	48.9	0.0	2.4	24.4	205.5
Excel	13.6	4.7	7.7	9.4	28.8	4.7	8.0	4.8	5.9	87.6
Stark	2.3	5.1	3.2	17.5	0.0	6.7	38.2	11.3	1.0	85.3
Bowman	4.3	0.0	0.0	9.9	2.2	0.0	27.8	21.8	9.8	75.8
Morex	3.0	8.3	0.6	3.3	0.4	1.3	0.0	1.0	4.3	22.2
Azure	0.0	2.9	0.0	0.0	8.7	0.0	0.0	2.8	1.1	15.5
Logan	0.3	0.0	0.0	0.0	0.0	0.0	8.3	0.0	1.7	10.3
Other	2.8	0.0	0.8	9.8	2.8	0.8	7.1	3.1	0.9	28.1
All Varieties	220.0	440.0	680.0	90.0	230.0	310.0	90.0	80.0	110.0	2,250.0